

In the Sequence Listing:

Please enter the 3 pages of Sequence Listing and computer readable copy of the sequence listing attached hereto.

REMARKS

Upon entry of the forgoing amendments claim 52 is pending in the application. Claim 1-51 and 53-54 have been cancelled without prejudice or disclaimer to the subject matter claimed therein. The amendment does not introduce any new subject matter within the meaning of 35 U.S.C. §132. Therefore, entry of the amendments is respectfully requested.

OBJECTION TO THE SPECIFICATION

The Examiner has objected to the identification of sialic acid and KNP-1 beta by accession numbers in Table 1 of the present specification, and has requested that Applicants amend the disclosure to include the amino acid sequences for both proteins.

Accordingly, Applicants have amended the specification and sequence listing to include SEQ ID NOS: 1 and 2 corresponding to sialic acid and KNP-1 beta, respectively. Based on the foregoing, Applicants submit that the basis of this objection has been removed in light of the amendments to the specification and sequence listing. Therefore, the Examiner is respectfully requested to reconsider and withdraw this objection.

REJECTION UNDER 35 U.S.C. §112, FIRST PARAGRAPH

The Examiner has rejected claim 52 as failing to comply with the enablement requirement. In particular, the Examiner is asserting that “the sequences of KNP-1 beta and sialic acid synthase are essential to the practice of the invention, but not included in the claim and are not enabled by the disclosure.”

Accordingly, as discussed above, Applicants have amended the specification and

sequence listing to include SEQ ID NOS: 1 and 2 corresponding to sialic acid and KNP-1 beta, respectively. Further, Applicants have submitted a Sequence Listing Submission Statement indicating that the Sequence Listing submitted herewith consists of the same material incorporated by reference in the captioned application.

Based upon the foregoing, Applicants submit that the basis of this rejection has been obviated. Therefore, the Examiner is respectfully requested to reconsider and withdraw this objection.

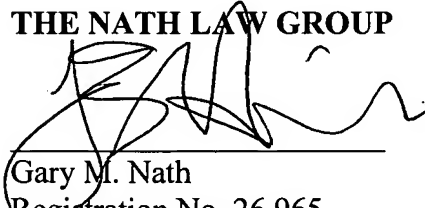
CONCLUSION

In light of the foregoing, Applicants submits that the application is now in condition for allowance. If the Examiner believes the application is not in condition for allowance, Applicants respectfully requests that the Examiner contact the undersigned attorney if it is believed that such contact will expedite the prosecution of the application.

In the event this paper is not timely filed, Applicants petition for an appropriate extension of time. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 14-0112.

Respectfully submitted,

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